

December 2, 2014

NAME: Syngenta Hawaii, LLC / Michael Girod

INSPECTION: AG, 09-16-14

SAMPLE NO.: None

SUSPECTED VIOLATION: None

ENFORCEMENT ACTION: None

RECOMMENDED EPA
ENFORCEMENT ACTION: None

COMMENT: Roundup Weathermax Herbicide
Clarity Herbicide

INSPECTION TRACKING REPORT

INSPECTION DATE: 09/16/14
BUSINESS NAME: **Syngenta Hawaii, LLC**
ADDRESS: P.O. Box 809

INSPECTION TYPE: AG

COMPLAINT NO:
PHONE: 337-1408
ZIP: 96796

CITY: Waimea

ST: HI

INSPECTOR: Ann Kam
INTERVIEWEE: Emilee Wedekind, Robin Robinson
APPLICATOR: Michael Girod
CROP/SITE: soybean

CERT NO.: K51337

INSPECTOR COMMENTS: glyphosate use inspection. Check annual usage rates.

TRANSFER DATE: 11/03/14

SAMPLE NO	PESTICIDE-CHEMICAL/EPA REG. NO.	SUSPECTED VIOLATION(S)
	Roundup Weathermax (EPA Reg. No. 524-537)	none

COMMENTS:

Clarity (EPA Reg. No. 7969-137)	none
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COMMENTS:

COMMENTS:

CASE PREPARATION

CASE RECEIVED: 12/02/14
VIOLATION(S): None

CASE REVIEWED: 12/02/14

ENFORCEMENT ACTION & DATE: None

PREP COMMENTS: No violations noted.

CIVIL PENALTY

DOCKET NO:
PROPOSED AMOUNT:

OTHER:

CHAIRPERSON REVIEW:
DATE NOV SENT TO AG:
NOV DATE:
DATE CA SENT TO AG:
RESPONDENT: DATE SIGNED:

HEARING DATE:
DATE RETURNED:
CONSENT DATE:

☐ CHAIRPERSON APPROVED
☐ NOV APPROVED BY AG
☐ CA APPROVED BY AG

SETTLED AMOUNT: ☐ SINGLE PAYMENT

☐ MULTIPLE PAYMENTS
TERMS:

OTHER PENALTY:

EPA REFERRAL DATE:

DATE CLOSED: 12/02/14

CIVIL COMMENTS:

AGRICULTURAL USE INSPECTION

Michael Girod (Cert. No. K51337)

Syngenta Hawaii, LLC

P.O. Box 809

Waimea, Hawaii 96796

INSPECTOR'S NARRATIVE REPORT

On 09-16-14, an after-the-fact pesticide use inspection was conducted at Syngenta Hawaii, LLC (Syngenta). A Notice of Pesticide Use/Misuse Inspection was issued to Ms. Emilee Wedekind, IPM Coordinator. Wedekind and Mr. Robin Robinson, Agronomy Manager, were interviewed.

Wedekind produced all glyphosate pesticide use records for 2013. Records were reviewed to ensure annual usage rates did not exceed label restrictions for annual use. Field 410-C12 had 2 application of Roundup Weathermax (EPA Reg. No. 524-537) that totaled to 114.4 fluid ounces of glyphosate applied per 1.1 acres.

We reviewed the application made on 12-12-13 to Kekaha Field 410-C12, 410-C10 & 410-C11. Wedekind produced the applicator's notes and records for the application. Wedekind said Mr. Michael Girod was the applicator and mixed 1 gallon, 26 fluid ounces of Roundup Weathermax, 112 fluid ounces of Clarity (EPA Reg. No. 7969-137) and 90 fluid ounces of Sta-Put into 140 gallons of water. Wedekind said Girod used the Nitro Boom Sprayer to apply the Roundup Weathermax / Clarity to 3.5 acres of soybean. Wedekind said the target pest was weeds and nonresistant soybean.

Wedekind said Girod wore black chemical resistant gloves, goggles, rubber boots and socks, chemical resistant apron, long pants, a long-sleeved shirt while mixing and loading.

Wedekind provided information for all other glyphosate products used. These pesticides included: Roundup Custom (EPA Reg. No. 524-343), Roundup PowerMax (EPA Reg. No. 524-549), Touchdown Hi-Tech (EPA Reg. No. 100-1182) and Touchdown Total (EPA Reg. No. 100-1169).

Wedekind said they are aware of the annual usage restrictions for glyphosate products and ensure that they do not exceed label rates.

Wedekind said all pesticide containers are triple rinsed into the sprayer, caps are thrown away and containers are punctured prior to being recycled with Andros Engineering.

Wedekind said Syngenta no longer uses Roundup Weathermax and provided a label from the Hawaii Department of Agriculture's web site for this inspector. No bottles of Roundup Weathermax were in storage at the time of this inspection.

Wedekind said records for 2013 were kept by Mr. Andrew Smith until 05-05-14, when she started working for Syngenta and took over the record keeping. Wedekind provided an Attestation.



Ann Kam

Environmental Health Specialist

09-17-14



State of Hawaii
DEPARTMENT OF AGRICULTURE

NOTICE OF PESTICIDE
USE/MISUSE INSPECTION

ISLAND OFFICE ADDRESS:
**Plant Industry Division
Pesticides Branch**
4398 A Pua Ioke St
Lihue, HI 96766

DATE
09/16/14

HOUR
9:05

AM
PM

NAME OF INDIVIDUAL
Emilee Wedekind

TITLE
IPM Coordinator

NAME (Firm, Farmer, Homeowner, etc.)

Syngenta Hawaii, LLC

ADDRESS (Number, Street, City, State and ZIP Code)

7050 Kaunaloa Hwy / P.O. Box 809
Kekaha, HI 96752 Waima, HI 96796

SIGNATURE OF STATE INSPECTOR

TITLE
Environmental

REASON FOR INSPECTION

- ☐ For the purpose of inspecting sites where pesticides are being used to collect data on the use of pesticides and to determine whether pesticides are being used in compliance with the Hawaii Pesticides Law (Chapter 149A, HRS) and Administrative Rules, Chapter 66, Pesticides, of the Department of Agriculture.
- ☒ For the purpose of inspecting sites where pesticides have been used and to determine whether the pesticides were used in compliance with the Hawaii Pesticides Law (Chapter 149A, HRS) and Administrative Rules, Chapter 66, Pesticides, of the Department of Agriculture.

VIOLATION SUSPECTED:

Pesticide Use Inspection

CONSENT

- ☒ Voluntary Consent Necessary to enter for Inspection and/or Sampling.

The undersigned hereby voluntarily consents to an inspection of Syngenta Hawaii, LLC of which I am owner, Agent or Person-In-Charge, for the purposes of gathering information and/or samples in connection with the administration and enforcement of the Hawaii Pesticides Law (Chapter 149A, HRS) and Administrative Rules, Chapter 66, Pesticides, of the Department of Agriculture.

SIGNATURE

Emilee Wedekind

TITLE

IPM Coordinator

DATE

9/16/14

HAWAII DEPARTMENT OF AGRICULTURE USE INVESTIGATION REPORT

1. PERSON INTERVIEWED

a. NAME <i>Emilee Wedekind / Robin Robinson</i>		b. ADDRESS <i>Syngenta Hawaii, LLC 7050 Kaunualii Hwy / P.O. Box 809 Kekaha, HI 96752 / Waimea, HI 96796</i>	
c. TELEPHONE <i>337-1408</i>	d. CERTIFICATION NUMBER <i>K51501 /</i>		

2. APPLICATOR

a. NAME <i>Michael Grod</i>		b. ADDRESS <i>same as above</i>	
c. TELEPHONE <i>337-1408</i>	d. CERTIFICATION NUMBER <i>K51337</i>		

3. SITE OF APPLICATION

a. NAME <i>Syngenta Hawaii, LLC</i>		b. ADDRESS <i>same as above</i>	
c. TELEPHONE <i>337-1408</i>		<i>Kekaha Field 410-C12 (410-C10, 410-C11)</i>	

d. TYPE OF BUSINESS <i>seed production</i>	e. CROP, AREA OR OBJECT TREATED <i>soy bean</i>	f. TARGET PEST <i>Weeds + nonresistant soybean</i>
g. DATE & TIME OF APPLICATION <i>12/12/13 7:30pm C.W. at</i>		h. WEATHER AT TIME OF APPLICATION <i>cloudy, wind less than 10 mph, temp 160° F. per R. Robinson M. Grod Worksheet</i>

4. PESTICIDE APPLIED

a. BRAND NAME <i>Roundup Weathermax / Clarity</i>		b. EPA REG. NO. <i>524-537 / 7969-137</i>	
c. TYPE OF FORMULATION <i>E.C. / liquid</i>	d. BATCH NO. <i></i>	e. CLASSIFICATION <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Non-Restricted	

5. RATE OF APPLICATION

a. METHOD OF APPLICATION <i>C.W. Nitro Boom Sprayer</i>		b. DILUTED MATERIAL APPLIED PER UNIT (Gallons/Acre) <i>140 + gallons Roundup Weathermax / Clarity dilution / 3.51</i>	
c. DILUTION RATE <i>114 fl. oz Roundup Weathermax / 112 fl. oz Clarity / 140 gallons water / 90 fl. oz Sta-Bu</i>		d. ACTUAL ACTIVE PER UNIT (Lbs./Acre) <i></i>	

6. SAMPLES COLLECTED (List sample numbers)

a. FORMULATION <i></i>	b. DILUTED MATERIAL <i></i>	c. RESIDUE <i></i>
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7. WERE THE FOLLOWING LABELING INSTRUCTIONS FOLLOWED? ☒ YES ☐ NO (If "NO", check and explain.)

<input type="checkbox"/> TARGET PEST	<input type="checkbox"/> CROP, AREA OR OBJECT TREATED	<input type="checkbox"/> CAUTIONARY LABELING
<input type="checkbox"/> METHOD OF APPLICATION	<input type="checkbox"/> REENTRY INTERVAL	<input type="checkbox"/> ENDANGERED SPECIES
<input type="checkbox"/> DILUTION USED	<input type="checkbox"/> APPLICATOR CERTIFIED	<input type="checkbox"/> GROUNDWATER PROTECTION
<input type="checkbox"/> RATE OF APPLICATION	<input type="checkbox"/> PREHARVEST INTERVAL	<input type="checkbox"/> WORKER PROTECTION
<input type="checkbox"/> OTHER:		

8. CONSEQUENCES OF USE (List any unusual results or adverse effects from treatment)

Roundup Use Inspection

9. REMARKS

1. This is an after-the-fact inspection. 2. E. Wedekind produced all Glyphosate pesticide use records for 2013. 3. Records were reviewed to ensure Annual use rates did not exceed label restrictions for annual use. 4. Field 410-C12 had 2 applications of Roundup Weathermax totaling 114.4 fl. oz Applied / 1.1 Acres. 5. E. Wedekind said M. Grod use. black chemical resistant gloves, goggles, rubber boots + socks, chemical resistant apron, long pants, long sleeved shirt white mask + hood. 6. E. Wedekind provided information for other glyphosate products used (Roundup Custom 524-343, Roundup PowerMax 524-549, Touchdown Hi-Tech 100-1182, Touchdown Total 100-1169). 7. E. Wedekind said all pesticide containers are triple rinsed into sprayer, cap thrown away, label removed + punctured + recycled by Andros Engineering. 8. E. Wedekind said they no longer use Roundup Weathermax + provided a label from HDOA website.

10. DATE OF INVESTIGATION <i>09/16/14</i>	11. TIME <i>9:05-11:45am</i>	12. INVESTIGATOR (Signature) <i>Ann Kim</i>	13. TITLE <i>Environmental Health Specialist</i>
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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION!

CAUSES MODERATE EYE IRRITATION. HARMFUL IF INHALED

Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist.

FIRST AID: Call a poison control center or doctor for treatment advice.

IF IN EYES • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.
• Remove contact lenses if present, after the first 5 minutes then continue rinsing eye.

IF ON SKIN • Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.

IF INHALED • Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
• You can also call (814) 694-4800, collect, day or night, for emergency medical treatment information.
• This product is identified as Roundup WeatherMAX Herbicide, EPA Registration No. 524-537.

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart. **Mixers, Loaders, Other Handlers and Applicators, when handling this concentrated product or its application solutions of 30 percent concentration or greater, must wear:** long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Applicators, when handling only spray solutions where concentration is 30 percent of this product or less, must wear: long-sleeved shirt and long pants, shoes, and socks. Follow manufacturer's instructions for cleaning/maintaining PPE (Personal Protective Equipment). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4)-(6)), the handler PPE requirements may be reduced or modified as specified in the WPS. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and rinsate.

Physical or Chemical Hazards

Spray solutions of this product may be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers. **DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.** This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which can form a highly combustible gas mixture. This gas mixture could flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source, and cause serious personal injury.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.



AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS (EXCEPT AS SPECIFIED FOR INDIVIDUAL ROUNDUP READY® CROPS), DESIRABLE PLANTS AND TREES, AS SEVERE INJURY OR DESTRUCTION COULD RESULT.

Herbicide for Roundup Ready® Crops

Selective broad-spectrum weed control in Roundup Ready® crops
Non-selective, broad-spectrum weed control for many
agricultural systems and farmsteads

See label booklet for Complete Directions for Use.

GROUP 9 HERBICIDE



LICENSED

PERIOD 2014-2016 LIC. NO.

9322-147



Specialty formulated
for Roundup Ready® crops

EPA Reg. No. 524-537

EPA Est. (L) 524-LA-1 or (M) 524-IA-1

Lot number prefix (L) and (M) indicate appropriate establishment number.

Packed for: MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI 63167 USA

C2013

6300319-45362



0 70183 33439 1

ACTIVE INGREDIENT

*Glyphosate, N-(phosphonomethyl)glycine,
in the form of its potassium salt 49.8%
OTHER INGREDIENTS 51.2%
100.0%

*Contains 690 grams of the active ingredient glyphosate, in the form of its potassium salt, per liter or 5.5 pounds per U.S. gallon, which is equivalent to 5.40 grams of the acid, glyphosate, per liter or 4.5 pounds per U.S. gallon (39.8% by weight).

This product is protected by U.S. Patent Nos. 5,698,085, RE 37,896 and 6,385,551; other patents pending. No license granted under any non-U.S. patent(s).

CROPSHIELD Formula and Design, Roundup Ready, Roundup WeatherMAX, Roundup WeatherMAX and Design, Transorb and Design, Transorb Technology and Monsanto and Vire Design are registered trademarks of Monsanto Technology LLC.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to supplemental labeling under AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section for information about this standard.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep people and pets off treated areas until spray solution has dried.

Storage and Disposal

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage or disposal.

PESTICIDE STORAGE: Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container, including rinsate, by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable federal, state and local regulations and procedures.

CONTAINER HANDLING AND DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse (or equivalent) this container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once properly rinsed, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or Monsanto Company at 1-800-ROUNDUP (1-800-768-6387). If recycling is not available, dispose of in accordance with federal, state and local regulations and procedures, which may include puncturing the properly rinsed container and disposing in a sanitary landfill.

(See label booklet for Complete Directions for Use.)

FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT,
CALL TOLL-FREE: 1-800-332-3111

MONSANTO



(9)03030313945312

(01)00070183334391

NET 30 GAL

Return Properly Rinsed Container to Monsanto
for Recycling - Call 1-800-ROUNDUP (1-800-768-6387)

Roundup Weathermax label
EPA Reg. No. 524-537
Syngenta Hawaii

FIRST AID: Call a poison control center or doctor for treatment advice.	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses if present after the first 5 minutes then continue rinsing eye.
IF ON SKIN	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You can also call (314) 694-4000, collect, day or night, for emergency medical treatment information. • This product is identified as Roundup WeatherMAX Herbicide, EPA Registration No. 524-537. 	

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Mixers, Loaders, Other Handlers and Applicators, when handling this concentrated product or its application solutions of 30 percent concentration or greater, must wear: long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Applicators, when handling only spray solutions where concentration is 30 percent of this product or less, must wear: long-sleeved shirt and long pants, shoes, and socks.

Follow manufacturer's instructions for cleaning/maintaining PPE (Personal Protective Equipment). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

3.2 Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and rinsate.

3.3 Physical or Chemical Hazards

Spray solutions of this product may be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which can form a highly combustible gas mixture. This gas mixture could flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source, and cause serious personal injury.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product may only be used in accordance with the Directions for Use on this label or in separately published supplemental labeling. Supplemental labeling can be obtained from your Authorized Monsanto Retailer or Monsanto Company Representative.

WEEDS RATE SECTION," and "WOODY BRUSH AND TREES RATE SECTION" for more information on controlling specific weeds.

Always use the higher product application rate within the given range when weed growth is heavy or dense, or when weeds are growing in an undisturbed (non-cultivated) area.

Reduced weed control could result when this product is applied to weeds that show signs of disease or insect damage, are heavily covered with dust, or are surviving under poor growing conditions.

Cultural Considerations: Reduced weed control could result when this product is applied to annual or perennial weeds that have been mowed, grazed or cut, and have not been allowed to re-grow to the specified stage prior to application.

Rainfastness: Heavy rainfall soon after application could wash this product off of the foliage and a second application might then be required for adequate weed control.

Spray Coverage: For best results, spray coverage must be uniform and complete. Do not spray foliage to the point of runoff.

Mode of Action: The active ingredient in this product inhibits an enzyme found only in plants and microorganisms that is essential to the formation of specific amino acids.

No Soil Activity: Weeds must be emerged at the time of application to be controlled by this product. Weed seeds in the soil will not be affected by this product and will continue to germinate. Plants arising from unattached underground rhizomes or rootstocks of perennials that have not yet emerged at the time of application will not be affected by this product and will continue to grow.

Biological Degradation: Degradation of this product is primarily a biological process carried out by soil microbes.

Maximum Application Rates: The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or in a tank mixture, on a basis of total pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (pounds acid equivalents) does not exceed the maximum allowed. See the "INGREDIENTS" section of this label for necessary product information.

Except as otherwise specified in a crop section of this label, the combined total application of this product on a site must not exceed 5.3 quarts (6 pounds of glyphosate acid) per acre per year. For applications on non-crop sites, or on tree, vine or shrub crop production sites, the combined total application of this product must not exceed 7 quarts (8 pounds of glyphosate acid) per acre per year.

NOTE: Use of this product in any manner not consistent with this label could result in injury to persons, animals or crops, or have other unintended consequences.

6.0 WEED RESISTANCE MANAGEMENT

GROUP	9	HERBICIDE
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Glyphosate, the active ingredient in this product, is a Group 9 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population can contain plants naturally resistant to Group 9 herbicides. Weed species resistant to Group 9 herbicides can be effectively managed by using another herbicide from a different Group or by using other cultural or mechanical methods.

6.1 Weed Management Practices

To minimize the occurrence of glyphosate-resistant biotypes, observe the following weed management practices:

- Scout your fields before and after herbicide application.
- Start with a clean field, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small.
- Incorporate other herbicides (e.g., a selective and/or a residual herbicide) and cultural practices (e.g., tillage or crop rotation) into your weed management program, where appropriate.
- One method for adding other herbicides into a continuous Roundup Ready system is to rotate to other Roundup Ready crops.
- Use the application rate for the most difficult to control weed in your field. Avoid tank mixtures with other herbicides that reduce the efficacy of this product (through antagonism) or with ones that encourage application of this product at rates less than those specified on this label.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from field to field to minimize the spread of weed seed or plant parts.
- Use new commercial seed that is as free of weed seed as possible.
- Report any incidence of repeated non-performance of this product on a particular weed to your Monsanto Company representative, local retailer, or county extension agent.

re-cropping interval and rotational guidelines. Use according to the most restrictive precautionary statements for each product in the tank mixture.

Always predetermine the compatibility of all tank-mix products together in the carrier by mixing small proportional quantities in advance.

For best results, apply tank mixtures with this product at a minimum spray volume rate of 10 gallons per acre.

7.3 Tank-Mixing Procedure

Prepare tank mixtures of this product as follows:

1. Place a 20- to 35-mesh screen or wetting basket over the filling port of the tank.
2. Through the screen, fill the tank one-half full with water and start gentle agitation.
3. If ammonium sulfate is to be used, add it slowly through the screen into the tank and continue adding water into the tank through the screen. If dry ammonium sulfate is being used, ensure that it is completely dissolved in the tank before adding other products.
4. If a wettable powder is used, prepare a slurry of it with water and add it SLOWLY through the screen into the tank while continuing gentle agitation.
5. If a flowable formulation is used, premix one part flowable with one part water and add the diluted mixture SLOWLY through the screen into the tank while continuing gentle agitation.
6. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water and add the diluted mixture SLOWLY through the screen into the tank while continuing gentle agitation.
7. Continue filling the tank with water through the screen and add the required amount of this product near the end of the filling process.
8. Add individual tank-mix components to the tank as follows: wettable powders, flowables, emulsifiable concentrates, drift reduction additives, water soluble liquids (this product).

Maintain gentle agitation at all times until the contents of the tank are sprayed out. If the spray mixture is allowed to settle, thorough agitation will be required to re-suspend the mixture before spraying can be resumed.

Keep by-pass and return lines on or near the bottom of the tank to minimize foaming.

A 50-mesh nozzle screen or line strainer on the spray equipment is sufficient.

7.4 Mixing for Handheld Sprayers

Prepare the desired spray volume by mixing the amount of this product indicated on the following table in water:

Spray Solution

Desired Volume	Amount of Roundup WeatherMAX Herbicide					
	0.4%	0.7%	1%	1.5%	4%	7%
1 gal	0.5 oz	1 oz	1.3 oz	2 oz	5 oz	9 oz
25 gal	0.8 pt	0.7 qt	1 qt	1.5 qt	4 qt	7 qt
100 gal	1.6 qt	2.8 qt	1 gal	1.5 gal	4 gal	7 gal

2 tablespoons = 1 fluid ounce

For backpack sprayers, consider mixing the appropriate amount of this product with water in a larger container and then filling the sprayer from the larger container.

7.5 Ammonium Sulfate

The addition of 1 to 2 percent dry ammonium sulfate by weight, or 8.5 to 17 pounds per 100 gallons of water, could increase the performance of this product on annual and perennial weeds, particularly under hard water conditions, drought conditions or when tank-mixed with certain residual herbicides. An equivalent amount of a liquid formulation of ammonium sulfate may also be used. Ensure that dry ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water promptly after use to reduce corrosion.

NOTE: When using ammonium sulfate, apply this product at rates directed on this label. Lower rates will result in reduced performance.

7.6 Colorants and Dyes

Colorants and marking dyes may be added to spray solutions of this product; however, they can reduce product performance of this product. Use colorants and dyes according to the manufacturer's directions.

7.7 Drift Reduction Additives

Drift reduction additives may be used with all equipment types, except wiper applicators, sponge bars and controlled droplet applicators (CDA). When a drift reduction additive is

the use of wiper applicators and hooded sprayers in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label. Observe the maximum application rates for canola, safflower and sunflower listed at the beginning of this section.

Preharvest (Safflower and Sunflower Only)

USE INSTRUCTIONS: This product provides weed control and serves as a harvest aid when applied to a physiologically mature crop of safflower and sunflower prior to harvest. For safflower, apply up to 64 fluid ounces of this product per acre when seed has lost its opaque character, approximately 20 to 30 days after the end of flowering of the secondary branches. For sunflower, apply up to 22 fluid ounces of this product per acre when the backsides of sunflower heads are yellow and bracts are turning brown, and seed moisture content is less than 35 percent.

RESTRICTIONS: Allow a minimum of 7 days between application and harvest or livestock feeding. Application must be made a minimum of 30 days prior to the planting of any crop not listed on this label.

Post-Harvest

USE INSTRUCTIONS: This product may be applied for weed control after harvest of oilseed crops. Higher application rates might be required for control of large weeds that were growing in the field at the time of harvest. Tank mixtures with 2,4-D or dicamba may be used. Ensure that the product used is labeled for post-harvest application in the crop harvested. Read and follow label directions for all products in the tank mixture.

RESTRICTIONS: Allow a minimum of 7 days between application and harvest or the feeding of vegetation within the application area. Application must be made a minimum of 30 days prior to the planting of any crop not listed on this label.

9.8 Soybean

TYPES OF APPLICATION: Those listed in Section 9.0, plus Spot Treatment; Selective Equipment; Preharvest

For directions for use with Roundup Ready soybean and Roundup Ready 2 Yield soybean, see the "ROUNDUP READY CROPS" section of this label.

Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied alone or in a tank mixture before, during or after planting soybean, but prior to crop emergence.

TANK MIXTURES: This product may be tank-mixed with 2,4-D, Banvel or Clarity and applied prior to planting only. This product may also be tank-mixed with the following products and applied prior to crop emergence. Ensure that the product used is labeled for application prior to planting or the emergence of soybean. Read and follow label

directions for all products in the tank mixture. Apply these tank mixtures in 10 to 20 gallons of water per acre.

Aim; Assure II; Authority Assist; Authority First; Authority MTZ; Authority XL; Axiom; Boundary; Cadet; Canopy; Canopy EX; Classic; Cobra; Command; Command Xtra; Dawn; Dual MAGNUM; Dual II MAGNUM; FirstRate; Flexstar; Frontier; Fusion; Gangster; INTRRO; Linex; Lorox; Micro-Tech; Optill; Outlook; PARRLAY; Pendimax; Phoenix; Prowl; Prowl H₂O; Pursuit; Pursuit Plus; Python; Reflex; Resource; Rhythm; Scepter; Select; Select MAX; Sharpen; Spartan; Trellan; Valor; Valor XLT; alachlor; atrazine; carfentrazone-ethyl; chlorimuron ethyl; clethodim; clomazone; cloransulam-methyl; dimethenamid; dimethenamid-p; fenoxypop; flazafop-p-butyl; flufenacet; flumetsulam; flumiclorac pentyl ester; flumioxazin; fluthiacet-methyl; fomesafen; imazaquin; imazethapyr; lactofen; linuron; metolachlor; s-metolachlor; metribuzin; pendimethalin; quizalofop P-ethyl; saflufenacil; sulfentrazone; tribenuron methyl; trifluralin

For tough-to-control annual weeds such as fall panicum, barnyardgrass, crabgrass, shattercane and broadleaf signalgrass up to 2 inches tall, and Pennsylvania smartweed up to 6 inches tall, apply 22 fluid ounces of this product per acre in a tank mixture with one of the products listed. For other annual weeds listed on this label, apply 16 to 22 fluid ounces of this product per acre when weeds are less than 6 inches tall and 22 to 32 fluid ounces per acre when weeds are over 6 inches tall.

Spot Treatment

USE INSTRUCTIONS: This product may be applied as a spot treatment prior to initial pod set in soybean.

RESTRICTIONS: Do not apply this product to more than 10 percent of the total field area to be harvested.

Selective Equipment

USE INSTRUCTIONS: This product may be applied in soybean using a shielded applicator, hooded sprayer, wiper applicator or sponge bar. See additional instructions on the use of selective equipment in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label.

RESTRICTIONS: Allow a minimum of 7 days between application and harvest.

Preharvest

USE INSTRUCTIONS: This product may be applied to soybean prior to harvest after pods have set and lost all green color. Apply at rates given in the "ANNUAL WEEDS RATE SECTION" and "PERENNIAL WEEDS RATE SECTION" of this label. Take care to avoid excessive seed shatter loss due to ground application equipment.

Roundup Weather Max label
EPA Reg. No. 524-537
Syngenta Hawaii

SUPPLEMENTAL LABELING

This supplemental label expires on December 31, 2016 and must not be used or distributed after this date.

READ THE ENTIRE PRODUCT LABEL FOR ROUNDUP WEATHERMAX HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using Roundup WeatherMAX herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the product label provided with the pesticide container and on this supplemental labeling. This supplemental labeling must be in the possession of the user at the time of pesticide application.



LICENSED

PERIOD 2014-2016 LIC. NO.

9322.147



EPA Reg. No. 524-537

Roundup WeatherMAX and Roundup Ready are trademarks of Monsanto Technology LLC

USE ON SOYBEAN

Keep out of reach of children

CAUTION!

In case of an emergency involving this product, call collect, day or night, 314-694-4000.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This labeling must be in the possession of the user at the time of herbicide application.

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS, FRUIT OF CROPS, OR ANY DESIRABLE PLANTS AND TREES, EXCEPT AS DIRECTED FOR ROUNDUP READY® CROPS, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

See the "PRODUCT INFORMATION", "MIXING" and "ANNUAL AND PERENNIAL CROPS" sections of the

Roundup WeatherMAX herbicide product label for important use information.

TYPES OF APPLICATION: Chemical Fallow; Preplant Fallow Beds; Preplant; At-Planting; Preemergence; Hooded Sprayer in Row Middles; Shielded Sprayer in Row Middles; Wiper Applicator in Row Middles; Post-Harvest

For directions for use with Roundup Ready soybean and Roundup Ready 2 Yield soybean, see the "ROUNDUP READY CROPS" section of the Roundup WeatherMAX herbicide product label.

Roundup WeatherMAX Supplemental
Labeling
EPA Reg. No. 524-537
Syngenta Hawaii
09/16/14 ak



GROUP 1 HARMFUL



Specially formulated
for Roundup Ready* crops

FOR REPACKAGING AS ROUNDUP WEATHERMAX HERBICIDE ONLY

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its potassium salt 48.8%
OTHER INGREDIENTS: 51.2%

* Contains 660 grams of the active ingredient glyphosate, in the form of its potassium salt, per liter or 5.5 pounds per U.S. gallon, which is equivalent to 540 grams of the acid, glyphosate, per liter or 4.5 pounds per U.S. gallon. (39.8%)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION!

CAUSES MODERATE EYE IRRITATION. HARMFUL IF INHALED

Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist.

FIRST AID: Call a poison control center or doctor for treatment advice.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses if present after the first 5 minutes then continue rinsing eye.

IF ON SKIN

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You can also call (314) 694-4000, called, day or night, for emergency medical treatment information.
- This product is identified as Roundup WeatherMAX Herbicide, EPA Registration No. 524-537.

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Mixers, Loaders, Other Handlers and Applicators, when handling this concentrated product or its application solutions of 30 percent concentration or greater, must wear: long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Applicators, when handling only spray solutions where concentration is 30 percent of this product or less, must wear: long-sleeved shirt and long pants, shoes, and socks.

Follow manufacturer's instructions for cleaning/maintaining PPE (Personal Protective Equipment). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and rinsate.

Physical or Chemical Hazards

Spray solutions of this product may be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which can form a highly combustible gas mixture. This gas mixture could flash or explode, if ignited by open flame, spark, welder's torch, lit cigarette or other ignition source, and cause serious personal injury.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to supplemental labeling under AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section for information about this standard.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep people and pets off treated areas until spray solution has dried.

FOR REPACKAGING AS ROUNDUP WEATHERMAX HERBICIDE ONLY

Storage and Disposal

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage and disposal.

PESTICIDE STORAGE: Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

PESTICIDE DISPOSAL: To avoid wastes, empty as much product from this transport vehicle as possible for repackaging or use in accordance with label directions. If wastes cannot be avoided, offer remaining product or rinsate to a waste disposal facility or pesticide disposal program. All disposal must be in accordance with applicable federal, state and local regulations and procedures.

CONTAINER HANDLING AND DISPOSAL: Empty container retains vapor and product residue. Observe all precautions stated on this label until the container is cleaned, reconditioned or destroyed. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, and worn-out threads and closures. Clean thoroughly before reuse for transportation of a material of different composition or before refilling this transport vehicle from service.

This product is protected by U.S. Patent Nos. 5,668,085, RE 37,866 and 6,365,551. Other Patents Pending. No license granted under any non-U.S. patent(s).

CROPSHIELD Formula and Design, Roundup, Roundup WeatherMAX, Roundup Ready, Transorb, are trademarks of Monsanto Technology LLC.

EPA Reg. No. 524-537

63003U8-11/53X3

Packed for: MONSANTO COMPANY

800 N. LINDBERGH BLVD. ST. LOUIS, MISSOURI 63167 USA

©2013

EPA Est. (L) 524-LA-1 or (M) 524-LA-1

Lot number prefix (L) and (M) indicate appropriate establishment number

Other EPA Est.:

NET CONTENTS: See Bill of Lading

LOT: See Bill of Lading

THIS LABEL FOR USE WITH TRANSPORT VEHICLES ONLY

Roundup WeatherMAX label
EPA Reg. No. 524-537
5 ingredients Hazard
09 September 2013

Roundup Custom label
EPA Reg. No. 524-343

Syngenta H&W
08/16/1401

21153K2-26/53



Roundup CUSTOM™

FOR AQUATIC & TERRESTRIAL USE

ES/92-2KES112

Roundup Custom™ for Aquatic and Terrestrial Use is a complete broad-spectrum postemergence herbicide for aquatic, crop, non-agricultural crop, industrial, turf, ornamental, forestry, roadside, and utility rights-of-way weed control.

Complete Directions for Use



(91)211531222653

GROUP

9

HERBICIDE

EPA Reg. No. 524-343

2012-2

8

Spray Coverage: For best results, spray coverage should be uniform and complete. Do not spray foliage to the point of run-off.

No Soil Activity: Weeds must be emerged at the time of application to be controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or rootstocks of perennials will not be affected by the herbicide and will continue to grow.

Maximum Application Rates: The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or as tank mixtures, on a basis of total pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (pounds acid equivalents) does not exceed the maximum allowed. The combined total of all treatments must not exceed 8 quarts of this product (8 pounds of glyphosate acid) per acre per year. See the **INGREDIENTS** section of this label for necessary product information.

ATTENTION

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of nozzle and nozzle type that will result in splatter or fine particles (mist) that are likely to cause injury. **DO NOT APPLY AT EXCESSIVE SPEED OR PRESSURE.**

Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

Syngenta House
09/16/14AK

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63027K3-1/53



Roundup
POWER MAX
HERBICIDE



CROPSHIELD
FORMULA

*Specially formulated
for Roundup Ready® crops*



(91)063027123153

Complete Directions for Use

EPA Reg. No. 524-549 2013-1

GROUP	9	HERBICIDE
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Protective Equipment. If no other instructions are given, wear protective clothing, gloves, and shoes. Keep and wash PPE separately from other laundry.

Engineering Control Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove contaminated clothing and wash clothing before reuse.

3.2 Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants. This oxygen loss can cause fish suffocation.

In case of SPILL or LEAK, soak up and remove to a landfill.

3.3 Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separately published Monsanto Supplemental Labeling or Fact Sheets. Supplemental labeling can be found on the Internet at www.cdms.net, www.agrian.com or www.greenbook.net websites but may not be approved for use in all states. Copies can also be obtained by contacting your Authorized Monsanto Retailer or Monsanto Company Representative.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

RATE SECTION," and "WOODY BRUSH AND TREES RATE SECTION" for more information controlling specific weeds.

Always use the higher product application rate within the given range when weed growth is heavy or dense, or when weeds are growing in an undisturbed (non-cultivated) area.

Reduced weed control could result when this product is applied to weeds that show signs of disease or insect damage, are heavily covered with dust, or are surviving under growing conditions.

Cultural Considerations: Reduced weed control could result when this product is applied to annual or perennial weeds that have been mowed, grazed or cut, and have not been allowed to re-grow to the specified stage prior to application.

Rainfastness: Heavy rainfall soon after application could wash this product off of the foliage and a second application might then be required for adequate weed control.

Spray Coverage: For best results, spray coverage must be uniform and complete. Do not spray foliage to the point of runoff.

Mode of Action: The active ingredient in this product inhibits an enzyme found only in plants and microorganisms that is essential to the formation of specific amino acids.

No Soil Activity: Weeds must be emerged at the time of application to be controlled by this product. Weed seeds in the soil will not be affected by this product and will continue to germinate. Plants arising from unattached underground rhizomes or root stocks of perennials that have not yet emerged at the time of application will not be affected by this product and will continue to grow.

Biological Degradation: Degradation of this product is primarily a biological process carried out by soil microbes.

Maximum Application Rates: The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or in a tank mixture, on a basis of total pounds of glyphosate (acid equivalent) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (pounds acid equivalent) does not exceed the maximum allowed. See the "INGREDIENTS" section of this label for necessary product information.

Except as otherwise specified in a crop section of this label, the combined total application of this product on a site must not exceed 5.3 quarts (6 pounds of glyphosate acid) per acre per year. For applications on non-crop sites, or on tree, vine or shrub crop production sites, the combined total application of this product must not exceed 7 quarts (8 pounds of glyphosate acid) per acre per year.

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Read the entire label before using this product.

Use only according to label instructions.

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

THIS IS AN END-USE PRODUCT. MONSANTO COMPANY DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

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1.0 INGREDIENTS

ACTIVE INGREDIENT:

* Glyphosate, N-(phosphonomethyl)glycine,
in the form of its potassium salt 48.7%

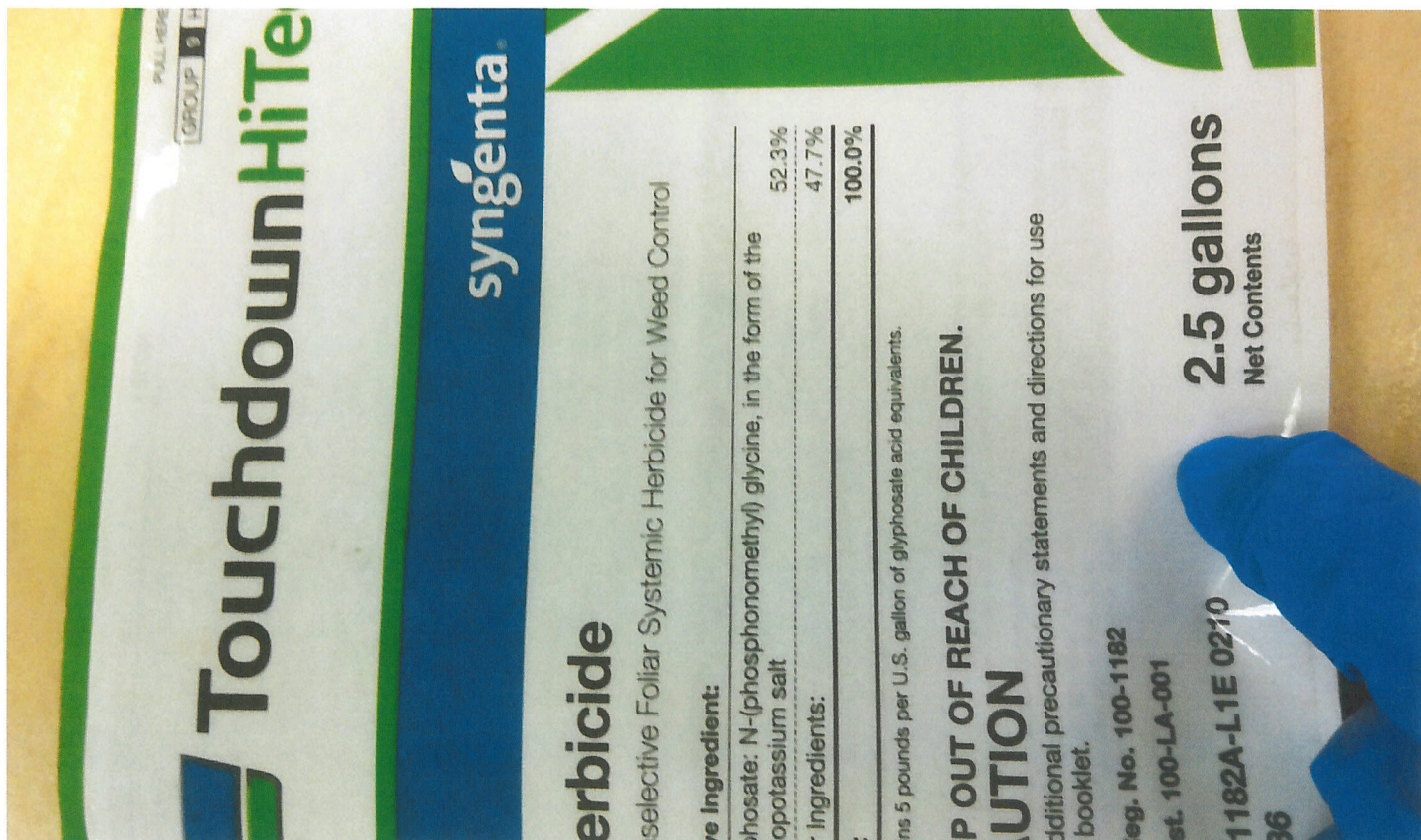
OTHER INGREDIENTS 51.3%
100.0%

* Contains 660 grams of the active ingredient glyphosate, in the form of its potassium salt, per liter or 5.5 pounds per U.S. gallon, which is equivalent to 540 grams of the acid, glyphosate, per liter or 4.5 pounds per U.S. gallon (39.8% by weight).

This product is protected by U.S. Patent No's. 5,668,085, RE 37,866 and 6,365,551. Other patents Pending. No license granted under any non-U.S. patent(s).

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT,
CALL TOLL-FREE, 1-800-332-3111
IN CASE OF AN EMERGENCY INVOLVING THIS HERBICIDE PRODUCT, OR FOR
MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT.



Roundup PowerMax label
EPA Reg. No. 524-549

Syngenta Hawaii
09-16-14 *aw*

or at an approved waste disposal facility.

container (or equivalent) promptly after application equipment or a mix tank and full with water and recap. Shake for 10 minutes for later use or disposal. Drain for 10 minutes. Then offer for recycling if available, followed by state and local authorities, by

only. Do not use this container for any other purpose. The person disposing of the container must first empty it. Then, if the container is to be recycled, it must be pumped for 2 minutes. Pour or pump the herbicide solution into the container. Then, if the container is to be recycled, it must be pumped for 2 minutes. Then, if the container is to be recycled, it must be pumped for 2 minutes. Then, if the container is to be recycled, it must be pumped for 2 minutes.

emerged annual

per gallon.

farmsteads
fencerows
forestry and utility rights-of-way
habitat management and habitat restoration
highways
natural areas
railroads
roadsides
turfgrass (including roadsides)

USE PRECAUTIONS AND RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- DO NOT spray if conditions of thermal inversion exist, or if wind direction and speed may cause spray to drift onto adjacent nontarget areas. Drift minimization is the responsibility of the applicator. Consult with local and State agricultural authorities for information regarding avoiding or minimizing spray drift.
- The **MAXIMUM USE RATES** indicated for Touchdown HiTech have been determined based upon the concentration of glyphosate acid (expressed as acid equivalents) contained in this product. The actual maximum application rates stated apply to the total amount of glyphosate acid equivalents applied to a given site in any year either from the application of this product alone or in combination with other glyphosate containing products, applied either as mixtures with other products or separately. Application rates must be calculated to ensure that the use of this and other glyphosate containing products do not exceed the maximum use rate as specified below unless otherwise specified in the specific use directions.
- In agricultural use sites and crop areas, do not exceed a total of 4.8 qt Touchdown HiTech/A equivalent to 6 lb glyphosate acid equivalents per acre per year.
- In nonagricultural use areas, do not exceed a total of 6.3 qt Touchdown HiTech/A equivalent to 8 lb glyphosate acid equivalents per acre per year.
- Do not exceed 0.6 qt/A by air unless otherwise specified on this label.
- For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified.
- Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure.
- Touchdown HiTech requires actively growing green plant tissue to function. Application to drought-stressed weeds or weeds with little green foliage (i.e. mowed, cut, or hailed on weeds); weeds covered with dust; weeds damaged by insects or diseases may result in reduced weed control.
- Touchdown HiTech does not provide soil residual control of weeds. Weeds emerging after application will require retreatment.
- Heavy rainfall or irrigation shortly after application may require retreatment.

USE PRECAUTIONS AND RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- DO NOT spray if conditions of thermal inversion exist, or if wind direction and speed may cause spray to drift onto adjacent nontarget areas. Drift minimization is the responsibility of the applicator. Consult with local and State agricultural authorities for information regarding avoiding or minimizing spray drift.
- The **MAXIMUM USE RATES** indicated for Touchdown HiTech have been determined based upon the concentration of glyphosate acid (expressed as acid equivalents) contained in this product. The actual maximum application rates stated apply to the total amount of glyphosate acid equivalents applied to a given site in any year either from the application of this product alone or in combination with other glyphosate containing products, applied either as mixtures with other products or separately. Application rates must be calculated to ensure that the use of this and other glyphosate containing products do not exceed the maximum use rate as specified below unless otherwise specified in the specific use directions.
- In agricultural use sites and crop areas, do not exceed a total of 4.8 qt Touchdown HiTech/A equivalent to 6 lb glyphosate acid equivalents per acre per year.
- In nonagricultural use areas, do not exceed a total of 6.3 qt Touchdown HiTech/A equivalent to 8 lb glyphosate acid equivalents per acre per year.
- Do not exceed 0.6 qt/A by air unless otherwise specified on this label.
- For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified.
- Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure.
- Touchdown HiTech requires actively growing green plant tissue to function. Application to drought-stressed weeds or weeds with little green foliage (i.e. mowed, cut, or hailed on weeds); weeds covered with dust; weeds damaged by insects or diseases may result in reduced weed control.
- Touchdown HiTech does not provide soil residual control of weeds. Weeds emerging after application will require retreatment.
- Heavy rainfall or irrigation shortly after application may require retreatment.

GENERAL INFORMATION

Touchdown HiTech is a nonselective foliar systemic herbicide for control of a broad spectrum of emerged annual and perennial grass and broadleaf weeds and unwanted woody brush and trees.

Touchdown HiTech is formulated as a liquid concentrate which contains 5 pounds acid equivalent per gallon.

Touchdown HiTech may be used in the following agricultural and nonagricultural areas:

alfalfa (including glyphosate-tolerant), clover, and other legumes
berries, fruits, nuts, and vines
canola (including glyphosate-tolerant)
conservation compliance/conservation reserve program (CRP)
corn (including glyphosate-tolerant)
cotton (including glyphosate-tolerant)
fallowland and postharvest
grasses and grass seed production
herbs
pastures
peanuts
safflower
small grains
sorghum
soybeans (including glyphosate-tolerant)
sugar beet (including glyphosate-tolerant)
sugarcane
sunflower
vegetables
Christmas trees

disposal facility.

promptly after
mix tank and
Shake for 10
L. Drain for 10
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our or pump
times. Then
f allowed by

ged annual
gallon.

fencerows
forestry and utility rights-of-way
habitat management and habitat restoration
highways
natural areas
railroads
roadsides
turfgrass (including roadsides)

USE PRECAUTIONS AND RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- DO NOT spray if conditions of thermal inversion exist, or if wind direction and speed may cause spray to drift onto adjacent nontarget areas. Drift minimization is the responsibility of the applicator. Consult with local and State agricultural authorities for information regarding avoiding or minimizing spray drift.
- The **MAXIMUM USE RATES** indicated for Touchdown HiTech have been determined based upon the concentration of glyphosate acid (expressed as acid equivalents) contained in this product. The actual maximum application rates stated apply to the total amount of glyphosate acid equivalents applied to a given site in any year either from the application of this product alone or in combination with other glyphosate containing products, applied either as mixtures with other products or separately. Application rates must be calculated to ensure that the use of this and other glyphosate containing products do not exceed the maximum use rate as specified below unless otherwise specified in the specific use directions.
- In agricultural use sites and crop areas, do not exceed a total of 4.8 qt Touchdown HiTech/A equivalent to 6 lb glyphosate acid equivalents per acre per year.
- In nonagricultural use areas, do not exceed a total of 6.3 qt Touchdown HiTech/A equivalent to 8 lb glyphosate acid equivalents per acre per year.
- Do not exceed 0.6 qt/A by air unless otherwise specified on this label.
- For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified.
- Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure.
- Touchdown HiTech requires actively growing green plant tissue to function. Application to drought-stressed



syngenta®

Herbicide

Nonselective Foliar Systemic Herbicide for
Weed Control



Active Ingredient:

*Glyphosate: N-(phosphonomethyl) glycine 36.5%

Other Ingredients: 63.5%

Total: 100.0%

*Contains 500 grams per liter or 4.17 pounds per U.S. gallon of glyphosate acid.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use
inside booklet.

EPA Reg. No. 100-1169

USE AREAS AND CROPS (continued)

- airports
- apartment complexes
- Christmas tree farms
- farmsteads
- fencerows
- forests
- golf courses
- habitat restoration and management areas
- highways
- industrial sites
- lumber yards
- manufacturing sites
- natural areas
- office complexes

- ornamental nurseries
- parks
- parking areas
- pasture and rangeland
- petroleum tank farms and pumping installations
- pipeline, power, telephone and utility rights-of-way
- railroads
- recreational areas
- residential areas (commercial applicators only)
- roadsides
- school grounds
- storage areas
- utility substations
- warehouse areas

USE PRECAUTIONS AND RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- Do not apply this product by direct application (ground or air) to any body of water.
- DO NOT spray if conditions of thermal inversion exist or if wind direction and speed may cause spray to drift onto adjacent nontarget areas. Drift minimization is the responsibility of the applicator. Consult with local and State agricultural authorities for information regarding avoiding or minimizing spray drift.
- The MAXIMUM USE RATES indicated for Touchdown Total have been determined based upon the concentration of glyphosate acid (expressed as acid equivalents) contained in this product. The actual maximum application rates stated apply to the total amount of glyphosate acid equivalents applied to a given site in any year either from the application of this product alone or in combination with other glyphosate-containing products, applied either as mixtures with other products or separately. Application rates must be calculated to ensure that the use of this and other glyphosate-containing products does not exceed the maximum use rate as specified below unless otherwise specified in the specific use directions.
- In agricultural use sites and crop areas, do not exceed a total of 5.8 qt Touchdown Total/A, equivalent to 6 lb glyphosate acid equivalents per acre per year.
- In nonagricultural use areas, do not exceed a total of 7.6 qt Touchdown Total/A equivalent to 8 lb glyphosate acid equivalents per acre per year.
- Do not exceed 0.7 qt/A by air unless otherwise specified on this label.
- For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified.
- Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure.
- Touchdown Total requires active growth.

- Spray solutions of Touchdown Total on stainless steel, or fiber aluminum, or unlined.
- There are no rotations.
- Severe damage or destruction of green stems, exposed is not intended, except.

GLYPHOSATE RESISTANCE

Some naturally occurring weed population. The conditions to a selector populations will develop.

Glyphosate is the active ingredient involved in the synthesis of growth and development. With the inactivation of initial studies on the m EPSPS target site resist which plants can become. Within the USA specific fleabane (*Conyza bonariensis*), waterhemp (*Amaranthus retrofractus*), and johnsongrass (*Sorghum halepense*) are examples of herbicide resistance.

Following is a list of B. Diversify glyphosate-d

- a. In glyphosate-tolerant based herbicide
- b. In glyphosate-tolerant in-crop cultivation
- c. Use alternative herbicide one application
- d. To manage glyphosate resistance
- e. Use full label rate
- f. Monitor treatment
- g. Contact your local extension agent for management advice

Touchdown Total label
EPA Reg. No. 100-1169

Syngenta Hawaii
09-16-14

USE PRECAUTIONS AND RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- Do not apply this product by direct application (ground or air) to any body of water.
- DO NOT spray if conditions of thermal inversion exist or if wind direction and speed may cause spray to drift onto adjacent nontarget areas. Drift minimization is the responsibility of the applicator. Consult with local and State agricultural authorities for information regarding avoiding or minimizing spray drift.
- The **MAXIMUM USE RATES** indicated for Touchdown Total have been determined based upon the concentration of glyphosate acid (expressed as acid equivalents) contained in this product. The actual maximum application rates stated apply to the total amount of glyphosate acid equivalents applied to a given site in any year either from the application of this product alone or in combination with other glyphosate-containing products, applied either as mixtures with other products or separately. Application rates must be calculated to ensure that the use of this and other glyphosate-containing products does not exceed the maximum use rate as specified below unless otherwise specified in the specific use directions.
- In agricultural use sites and crop areas, do not exceed a total of **5.8 qt Touchdown Total/A**, equivalent to **6 lb glyphosate acid equivalents per acre per year**.
- In nonagricultural use areas, do not exceed a total of **7.6 qt Touchdown Total/A** equivalent to **8 lb glyphosate acid equivalents per acre per year**.
- Do not exceed 0.7 qt/A by air unless otherwise specified on this label.
- For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified.
- Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure.
- Touchdown Total requires actively growing green plant tissue to function. Application to drought-stressed weeds or weeds with little green foliage (i.e. mowed, cut, or hailed on weeds); weeds covered with dust; weeds damaged by insects or diseases may result in reduced weed control.
- Touchdown Total does not provide soil residual control.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **NOT** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep people and pets off treated areas until spray solution has dried.

GENERAL INFORMATION

Touchdown Total is a nonselective foliar systemic herbicide used for control of a broad spectrum of emerged annual and perennial grass and broadleaf weeds and unwanted woody brush and trees.

Touchdown Total is formulated as a liquid concentrate that contains 4.17 lbs. acid equivalent per gallon, in the potassium salt form.

Touchdown Total may be used in the following agricultural and nonagricultural areas:

USE AREAS AND CROPS

- alfalfa (including glyphosate-tolerant), clover, and other legumes
- berries, fruits, nuts, and vines
- canola (including glyphosate-tolerant)
- conservation compliance/conservation reserve program (CRP)
- corn (including glyphosate tolerant)
- cotton (including glyphosate tolerant)
- fallowland and postharvest
- grasses and grass seed production
- herbs
- pastures
- peanuts
- small grains
- sorghum
- soybeans (including glyphosate-tolerant)
- sugar beet (including glyphosate-tolerant)
- sugarcane
- sunflower
- vegetables

continued...

Clarity[®]

herbicide

For weed control in asparagus, conservation reserve programs, corn, cotton, fallow croplands, general farmstead (noncropland), sorghum, grass grown for seed, hay, proso millet, pasture, rangeland, small grains, sod farms and farmstead turf, soybean, and sugarcane.

Active Ingredient:

Diglycolamine salt of 3,6-dichloro-*p*-anisic acid* 58.1%

Other Ingredients: 41.9%

Total 100.0%

*Contains 39.4% 3,6-dichloro-*p*-anisic acid (4 pounds acid equivalent per gallon or 480 grams per liter).

EPA Reg No. 7969-137

EPA Est. No. 68323-TX-001

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

(Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.))

See inside booklet for complete **First Aid**, **Precautionary Statements**, **Directions For Use**, **State-Specific Crop** and/or **Use Site Restrictions** and **Conditions of Sale and Warranty**.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents: 2.5 gallons (9.46 liters)

Product of U.S.A.

If swallowed	<ul style="list-style-type: none"> Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are nitrile rubber and butyl rubber. If you want more options, follow the instructions for **Category C** on an EPA chemical-resistance category selection chart.

All mixers, loaders, and applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (except for pilots)
- Shoes plus socks

See **Engineering Controls Statement** for additional requirements. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and

Environmental Hazards

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as directed on the label.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Ground and Surface Water Protection

Point source contamination: To prevent point source contamination, **DO NOT** mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. **DO NOT** apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or near the

Clarity label
EPA Reg. No. 7969-137

Syngenta Hawaii
09-16-14

contamination, carefully follow applicable label recommendations as affected by soil type in the general information section of this label.

Movement by water erosion of treated soil: DO NOT apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

Endangered Species Concerns

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** are to be followed. This labeling must be in the user's possession during application.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the WPS.

DO NOT enter or allow worker entry into treated areas during the

Storage and Disposal

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

Pesticide Storage: Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides.

Pesticide Disposal: Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

Pesticide, spray mixture, or rinseate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures under **Subtitle C** of the **Resource Conservation and Recovery Act**. Improper disposal of excess pesticide, spray mix, or rinseate is a violation of federal law.

Container Disposal:

Nonrefillable Container: DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying, then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity < 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank, or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Recap and agitate

Some materials that are chemical-resistant to this product are nitrile rubber and butyl rubber. If you want more options, follow the instructions for **Category C** on an EPA chemical-resistance category selection chart.

All mixers, loaders, and applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (except for pilots)
- Shoes plus socks

See **Engineering Controls Statement** for additional requirements. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)).

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Ground and Surface Water Protection

Point source contamination: To prevent point source contamination, **DO NOT** mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. **DO NOT** apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or antisiphoning devices must be used on all mixing equipment.

Movement by surface runoff or through soil: DO NOT apply under conditions which favor runoff. **DO NOT** apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. **DO NOT** apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow. To minimize the possibility of ground water

followed. This labeling must be used in possession during application.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the WPS.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **24 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as, plants, soil, or water is:

- Coveralls worn over short-sleeved shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

Non-agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow people (or pets) to enter the treated area until sprays have dried. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Nonrefillable Container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

(continued)

target weed.
seeded wheat

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application to
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st in sorghum
petition from
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- Dual II Magnum®
- Fallow Master®
- Frontier®
- Gramoxone® Extra

- Paramount™
- Peak®
- Permit®
- Ramrod®
- Roundup Ultra®

Soybean

PREPLANT APPLICATIONS:

Apply 4 - 16 fluid ounces of **Clarity** per acre to control emerged broadleaf weeds prior to planting soybeans.

DO NOT exceed 16 fluid ounces of **Clarity** per acre in a spring application prior to planting soybeans.

Following application of **Clarity** and a minimum accumulation of 1" rainfall or overhead irrigation, a waiting interval of 14 days is required for 8 fluid ounces per acre or less, and 28 days for 16 fluid ounces per acre. These intervals must be observed prior to planting soybeans or crop injury may occur.

DO NOT make **Clarity** preplant applications to soybeans in geographic areas with average annual rainfall less than 25".

growth.

Retreatment
of 64 fluid

Timing: C
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ATION:

of **Clarity** may be applied per acre if applied at least 15 days before sorghum planting.

APPLICATION:

of **Clarity** per acre may be applied after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15" tall. For best performance, apply **Clarity** when the sorghum crop is in the 3 - 5 leaf stage and weeds are small (less than 3" tall). Use drop pipes (drop nozzles) and keep the spray off the sorghum leaves and out of the whorl to reduce the likelihood of crop injury and to improve spray coverage of weed foliage. Applying **Clarity** to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 - 14 days.

Delay harvest until 30 days after treatment.

in Texas and Oklahoma only: Up to 8 fluid ounces of **Clarity** per acre may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications, use at least 2 gallons of water-based carrier per treated acre. Delay harvest until 30 days after a preharvest treatment.

ION:

Clarity may be applied in split applications: preplant followed by postemergence; or postemergence followed by preharvest. **DO NOT** apply more than 8 fluid ounces per acre, per application or a total of 16 ounces per season.

Sorghum Tank Mixes and Sequential Treatments

Clarity can be used to control many annual and perennial broadleaf weeds and control or suppress many biennial and perennial broadleaf weeds in soybean prior to harvest (refer to **Table 1**). Apply 8 - 32 fluid ounces of **Clarity** per acre as a broadcast or spot treatment to emerged and actively growing weeds after soybean pods have reached mature brown color and at least 75% leaf drop has occurred.

DO NOT harvest soybeans until 7 days after application.

Treatments may not kill weeds that develop from seed or underground plant parts, such as rhizomes or bulbils, after the effective period for **Clarity**. For seedling control, a follow-up program or other cultural practice could be instituted.

DO NOT use preharvest-treated soybean for seed unless a germination test is performed on the seed with an acceptable result of 95% germination or better.

DO NOT feed soybean fodder or hay following a preharvest application of **Clarity**.

DO NOT make preharvest applications in California.

Soybean Tank Mixes

PREPLANT TANK MIXES:

Clarity may be tank mixed with other herbicides registered for early preplant use in soybeans including burndown herbicides such as glyphosate (Roundup Ultra®) and 2,4-D or residual herbicides such as **Outlook®**, **Frontier®** or Dual Magnum™.

PREHARVEST TANK MIXES:

Clarity may be tank mixed with other herbicides registered for preharvest use in soybeans such as glyphosate (Roundup Ultra) and Gramoxone® Extra.

DO NOT apply **Clarity** herbicide to sorghum grown for seed production.

PREPLANT APPLICATION:

Up to 8 fluid ounces of **Clarity** may be applied per acre if applied at least 15 days before sorghum planting.

POSTEMERGENCE APPLICATION:

Up to 8 fluid ounces of **Clarity** per acre may be applied after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15" tall. For best performance, apply **Clarity** when the sorghum crop is in the 3 - 5 leaf stage and weeds are small (less than 3" tall). Use drop pipes (drop nozzles) and keep the spray off the sorghum leaves and out of the whorl to reduce the likelihood of crop injury and to improve spray coverage of weed foliage. Applying **Clarity** to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 - 14 days.

Delay harvest until 30 days after treatment.

Preharvest uses in Texas and Oklahoma only: Up to 8 fluid ounces of **Clarity** per acre may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications, use at least 2 gallons of water-based carrier per treated acre. Delay harvest until 30 days after a preharvest treatment.

SPLIT APPLICATION:

Clarity may be applied in split applications: preplant followed by postemergence; or preharvest, or postemergence followed by preharvest. **DO NOT** apply more than 8 fluid ounces per acre, per application or a total of 16 ounces per season.

Sorghum Tank Mixes and Sequential Treatments

Clarity may be applied prior to, in a tank mix with, or after one or more of the following herbicides:

- | | |
|--|---|
| <ul style="list-style-type: none">• Atrazine• Basagran®• Biorx®• Buctril®• Cydrene®• Dual Magnum™• Dual II Magnum®• Fallow Master®• Frontier®• Gramoxone® Extra | <ul style="list-style-type: none">• Guardsman®• Laddok® S-12• Landmaster®• Lasso®• Outlook®• Paramount®• Peak®• Permit®• Ramrod®• Roundup Ultra® |
|--|---|

Soybean

PREPLANT APPLICATIONS:

Apply 4 - 16 fluid ounces of **Clarity** per acre to control emerged broadleaf weeds prior to planting soybeans.

PREHARVEST APPLICATIONS:

Clarity can be used to control many annual and perennial broadleaf weeds and control or suppress many biennial and perennial broadleaf weeds in soybean prior to harvest (refer to **Table 1**). Apply 8 - 32 fluid ounces of **Clarity** per acre as a broadcast or spot treatment to emerged and actively growing weeds after soybean pods have reached mature brown color and at least 75% leaf drop has occurred.

DO NOT harvest soybeans until 7 days after application.

Treatments may not kill weeds that develop from seed or underground plant parts, such as rhizomes or bulbils, after the effective period for **Clarity**. For seedling control, a follow-up program or other cultural practice could be instituted.

DO NOT use preharvest-treated soybean for seed unless a germination test is performed on the seed with an acceptable result of 95% germination or better.

DO NOT feed soybean fodder or hay following a preharvest application of **Clarity**.

DO NOT make preharvest applications in California.

Soybean Tank Mixes

PREPLANT TANK MIXES:

Clarity may be tank mixed with other herbicides registered for early preplant use in soybeans including burndown herbicides such as glyphosate (Roundup Ultra®) and 2,4-D or residual herbicides such as **Outlook®**, **Frontier®** or Dual Magnum™.

PREHARVEST TANK MIXES:

Clarity may be tank mixed with other herbicides registered for preharvest use in soybeans such as glyphosate (Roundup Ultra) and Gramoxone® Extra.

Sugarcane

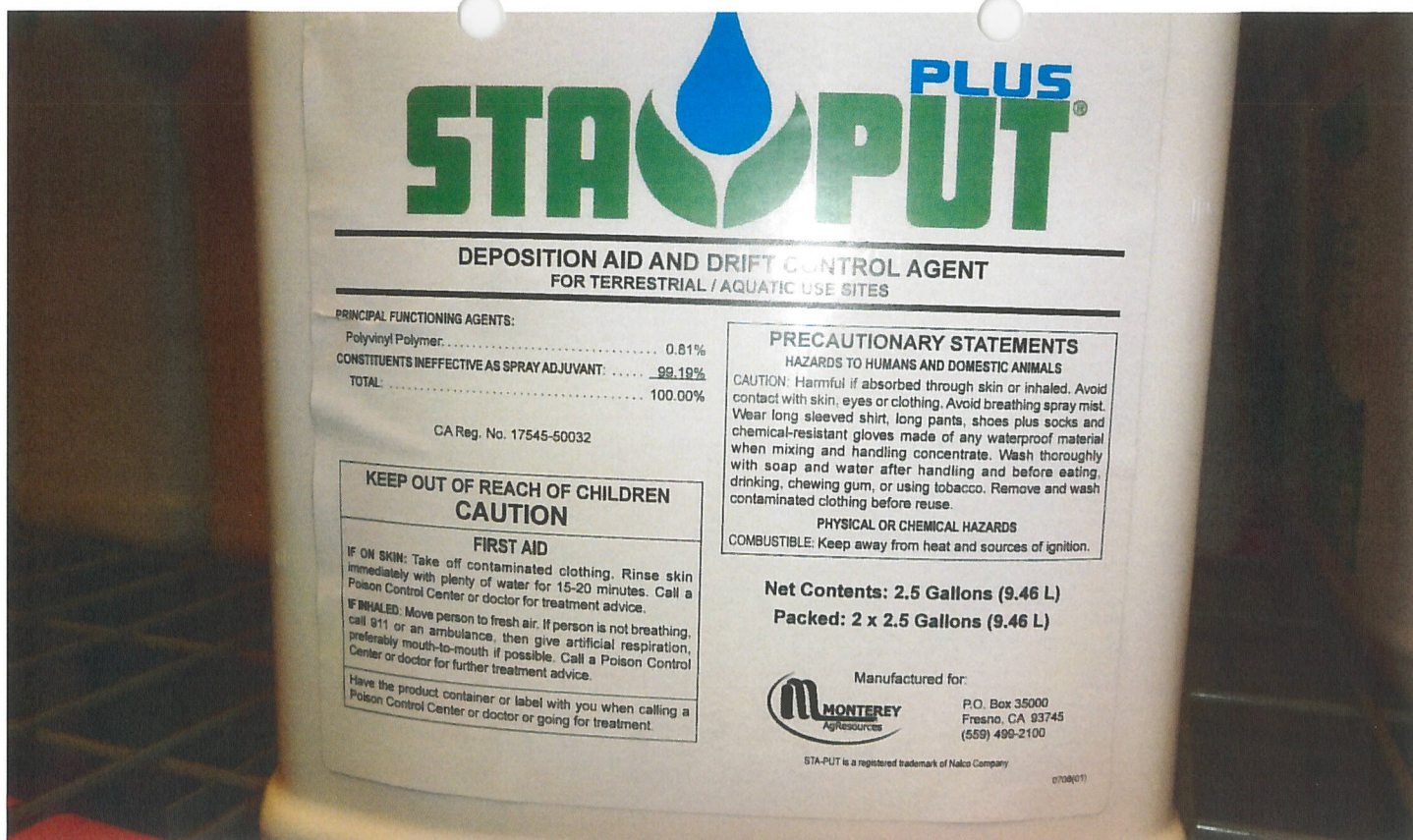
Apply **Clarity** for control of annual, biennial, or perennial broadleaf weeds listed in **Table 1**. Apply 8 - 24 fluid ounces of **Clarity** per acre for control of annual weeds, 16 - 32 fluid ounces for control of biennial weeds and for control or suppression of perennial weeds.

Use the higher level of listed rate ranges when treating dense vegetative growth.

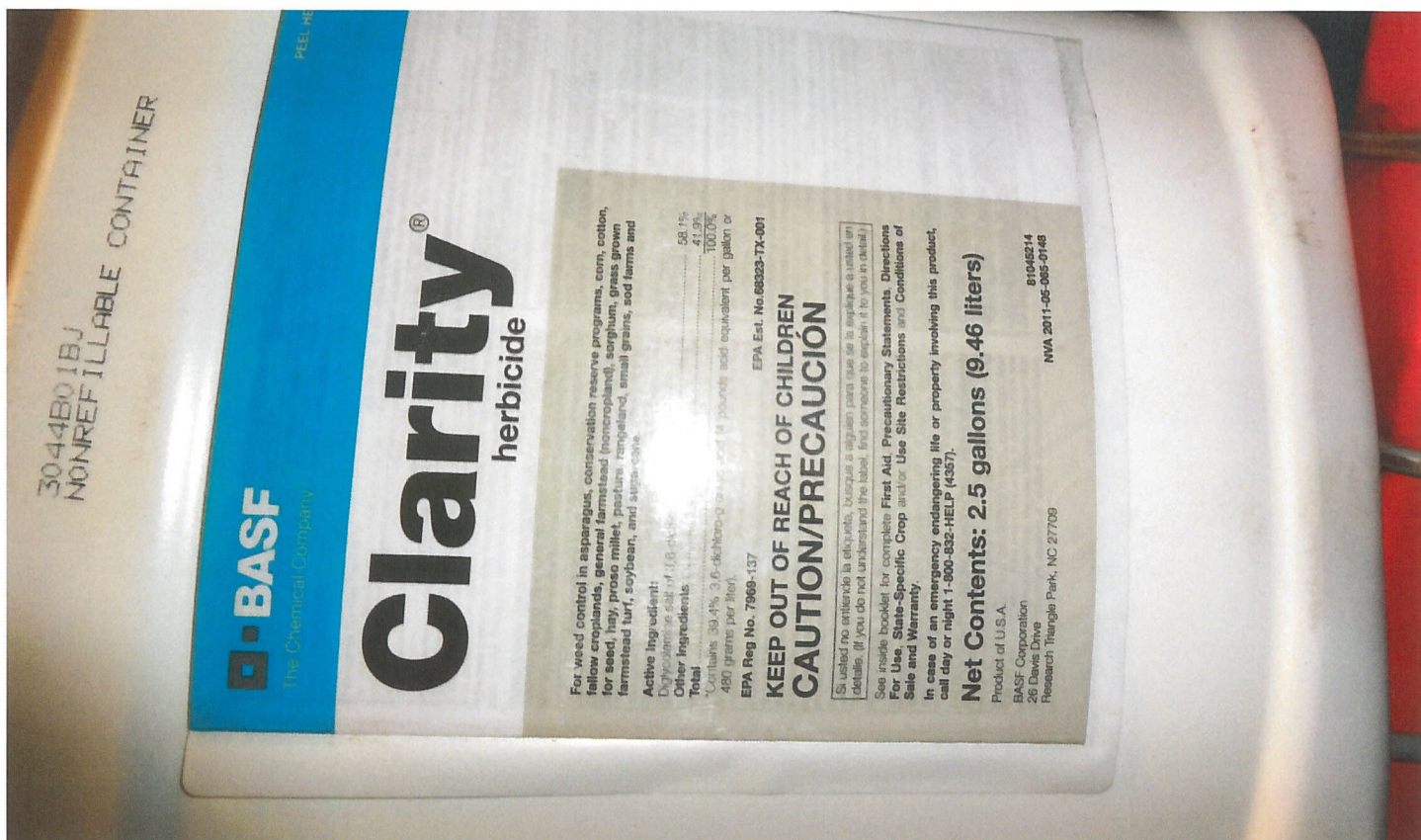
Retreatments may be made as needed, however, **DO NOT** exceed a total of 64 fluid ounces of **Clarity** per treated acre during a growing season.

Timing: **Clarity** may be applied to sugarcane any time after weeds have emerged, but before the close-in stage of sugarcane. Applications of 32 fluid ounces of **Clarity** per acre made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy to minimize the likelihood of crop injury. Using directed sprays will also help maximize



Stayput label



Clarity label
EPA Reg. No. 7969-137

Syngenta Hawaii
09-16-14a



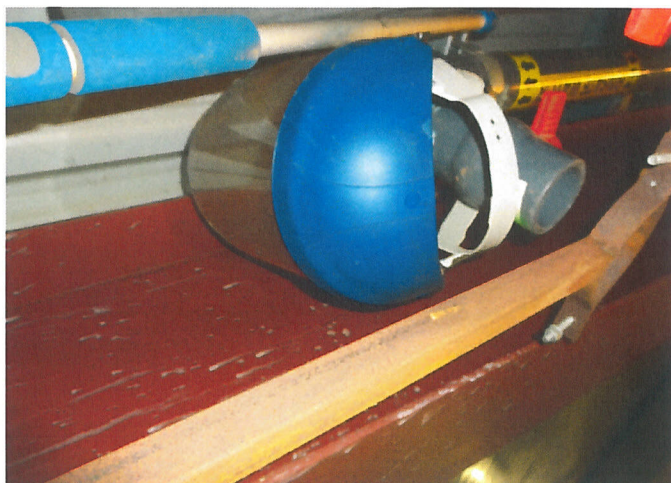
PPE: chemical resistant apron,



chemical resistant gloves,



goggles,



face shield



measuring device.



Nitro Boom Sprayer.

Syngenta Hawaii
09-16-14 *AK*



Field 410-C12

Syngenta Hawaii
09-16-14 *Q*

HAWAII DEPARTMENT OF AGRICULTURE ATTESTATION	Sample Number
Island Kauai	County Kauai

Before a representative of the Hawaii Department of Agriculture, Emilee Wedekind
personally appeared and says:

We have reviewed the products for 2013 that contain glyphosate. The products included: Roundup Weathermax, Roundup Custom, Roundup Powermax, Touchdown Hi-Tech and Touchdown Total. Records for 2013 were documented by Andrew Smith up until May 5, 2014 when I started at Syngenta and started keeping track of the pesticide records. Application records were provided for the products mentioned above if they were used. Labels were also provided for the chemicals that were discussed. We looked further into a application on 12/12/2013 with 2 products: Roundup Weathermax and Clarity. The applicator worksheet and prescription sheet was provided for the pesticides mixed and weather information at the time of application. We also went over applicator PPE and container disposal.

I hereby affirm that the foregoing statement is true to the best of my knowledge and belief

Emilee Wedekind

Signature

9/14/14

Date

Attested to at (city and state)

Kekaha, Hawaii

this

16th

day of

Sept. 2014

Ann Lam

Signature of HDOA Representative

Environmental Health Specialist

Title